AMENDMENTS TO THE CLAIMS

Claims 1-5 (Cancelled)

6. (Currently Amended) A commodity purchasing method through a network, comprising the steps of:

receiving, at a gateway, a <u>first</u> connection request from a <u>mobile</u> ~~cellular~~ phone;

responsive to receiving the <u>first</u> connection request from the <u>mobile</u> ~~cellular~~ phone, adding, by the gateway, an identifier to the <u>first</u> connection request, wherein the identifier

corresponds to an identification code of the <u>mobile</u> ~~cellular~~ phone and ~~wherein the~~

~~identifier~~

identifies that the <u>first</u> connection request is from the <u>mobile</u> ~~cellular~~ phone;

responsive to adding the identifier to the <u>first</u> connection request, forwarding the <u>first</u> connection request to an electronic commerce server;

~~determining by the electronic commerce server whether the connection request includes~~ ~~the identifier;~~

~~in response to determining that the connection request includes the identifier, performing~~ ~~by the electronic commerce server the following steps:~~

storing, by the electronic commerce server, the identifier and user status information associated with the identifier in a database ~~contained in a system for receiving the connection~~ ~~request;~~

executing session control, by the electronic commerce server<u>, for the mobile device</u> using the identifier and the user status information; ~~and~~

receiving, at the electronic commerce, a second connection request from a computing device;

determining, by the electronic commerce server, that the second connection request does not include an identifier provided by the gateway; and

in response to the determining that the second connection request does not include the identifier provided by the gateway, executing session control, by the electronic commerce server, for the computing device using history information that is communicated between the electronic commerce server system and the computing device.

7. (Currently Amended) The commodity purchasing method according to claim Claim 6, further comprising:

executing the first connection request using the appropriate session control;

receiving a result from the execution of the first connection request; and

returning the result to the mobile phone device.

8. (Currently Amended) The commodity purchasing method according to claim 6, wherein

the network comprises a first network for communicating with the computing device and a second network for communicating with the mobile cellular phone and

the method further comprises a step of sending the first connection request from the mobile cellular phone through the second network.

Claims 9-17 (Cancelled)

18. (New) A computer-readable recording medium on which a computer program is recorded for a commodity purchasing method through a network, the computer program, when executed on an electronic commerce server, causing the electronic commerce server to perform the operations of:

receiving a first connection request from a mobile phone via a gateway, the gateway adding an identifier to the first connection request, and the identifier

corresponds to an identification code of the mobile phone and

identifies that the first connection request is from the mobile phone;

storing the identifier and user status information associated with the identifier in a database;

executing session control for the mobile phone using the identifier and the user status information;

receiving a second connection request from a computing device;

determining that the second connection request does not include an identifier provided by the gateway; and

in response to the determining that the second connection request does not include the identifier provided by the gateway, executing session control for the computing device using history information that is communicated between the electronic commerce server and the computing device.

19. (New) The computer-readable recording medium according to claim 18, further comprising:

executing the first connection request using the appropriate session control;

receiving a result from the execution of the first connection request; and

returning the result to the mobile phone.

20. (New) A network commodity purchasing system, comprising:

an electronic commerce server; and

a gateway computing device, the gateway computing device configured to:

    receive a first connection request from a mobile phone,

    add an identifier to the first connection request, wherein the identifier

        corresponds to an identification code of the mobile phone and

        identifies that the first connection request is from the mobile phone, and

    forward, with the identifier, the first connection request to the electronic

commerce server, wherein

the electronic commerce server configured to:

    store the identifier and user status information associated with the identifier in a

database,

    execute session control for the mobile device using the identifier and the user

status information,

    receive a second connection request from a computing device,

    determine that the second connection request does not include the identifier, and

    in response to the determining that the second connection request does not include

the identifier, execute session control for the computing device using history information

that is communicated between the electronic commerce server and the computing device.